

CF4062-72 Double Coated Tape

CleanBond™ LOW VOC Adhesive

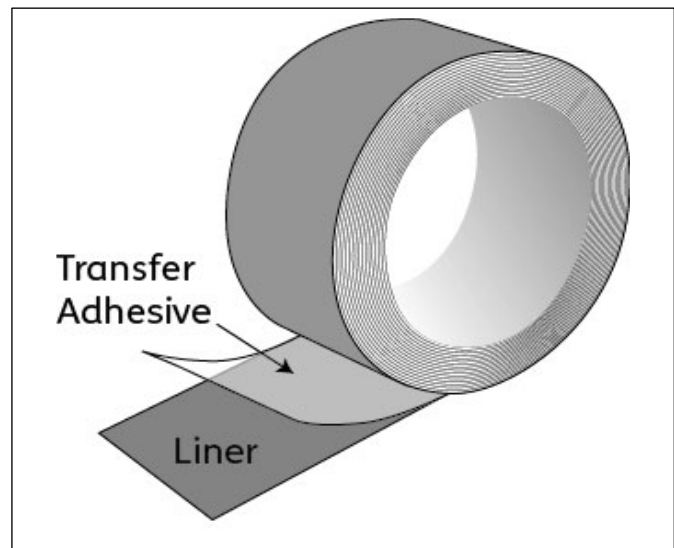
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Product Description

CF4062-72 is a 2 mil thick film of clean, non-VOC, aggressive LSE modified acrylic pressure sensitive adhesive. The adhesive is protected by a two-side silicone coated 72# white polycoated liner. This product is designed for applications that benefit from a clean, low outgassing adhesive tape.

Product Construction

- **Carrier:** NA
- **Adhesive:** 2.0 mils LV860 LOW VOC Acrylic
- **Liner:** 72# White PCK
- **Web Width:** 54"



Features

- LSE acrylic adhesive
- High dielectric strength
- Moisture stable PCK liner
- Non-VOC

Benefits

- Good bond to Si-Foams
- Low outgassing and Low migration
- Smooth adhesive profile
- Good adhesion to LSE surfaces
- Chemical & UV resistant
- Excellent handling and die-cutting.
- Non-corrosive & non-oxidizing

Applications

- Flexible Printed Circuits
- Printed Circuit Boards
- Insulation and Shielding
- Wire harnessing
- Thermal Interface Materials
- Foam bonding applications
- Interior applications that require low VOC and low FOG characteristics

| CF4062-72 Physical Properties | | | |
|--|-----------------------|----------------|--------|
| Thickness | Mils CF4062-72 | | |
| Adhesive | 2.0 | | |
| Liner | 5.3 | | |
| Total Thickness | 7.3 | | |
| | | | |
| Performance Test | Test Method | Typical Values | |
| Loop tack | PSTC-16-Method A | Lbs./in. | Oz/in. |
| Stainless Steel | Backed with 2 mil PET | 8.6 | 137.6 |
| HDPE | | 3.8 | 60.8 |
| | | | |
| Peel Adhesion - 180° 2 mil PET Backed | PSTC-101-Method A | Lbs./in. | Oz/in. |
| 30 minute dwell | Stainless Steel | 8.5 | 136 |
| 24 hour dwell | Stainless Steel | 8.8 | 140.8 |
| | | | |
| 30 minute dwell | HDPE | 3.6 | 57.6 |
| 24 hour dwell | HDPE | 4.0 | 64 |
| | | | |
| 30 minute dwell | TPO | 4.6 | 73.6 |
| 24 hour dwell | TPO | 4.7 | 75.2 |
| | | | |
| 30 minute dwell | PP | 5.2 | 83.2 |
| 24 hour dwell | PP | 7.0 | 112 |
| | | | |
| 30 minute dwell | LDPE | 3.7 | 59.2 |
| 24 hour dwell | LDPE | 6.5 | 104 |
| | | | |
| Dielectric Strength | ASTM D 149-20 | kV/mm | |
| Peak Voltage | | 36.0 | |
| | | | |
| | | | |
| Shear | PSTC-107-Method A | Hours to Fail | |
| 1 kg weight | 72°F | 55+ | |
| | | | |

Values given are typical and not for use in specifications

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| Foam Bonding Performance | | |
|-----------------------------|--------------------------------|------------------|
| Substrate | Application Method | Result |
| EPDM | Room Temp with 50% compression | Strong Adhesion |
| Nitrile PVC | Room Temp with 50% compression | Foam Destruction |
| EVA Blend | Room Temp with 50% compression | Strong Adhesion |
| Polyether polyurethane Foam | Room Temp with 50% compression | Foam Destruction |
| NBR-PVC | Room Temp with 50% compression | Foam Destruction |

SERVICE TEMPERATURE

Application: Above 50°F (10°C) for best performance
End Use: -40°F to 300°F (-40°C to 121°C) depending on laminate construction and end use application

APPLICATION DETAILS

For best performance surfaces must be clean, dry and free of any oil, grease or other contaminant.

SHELF LIFE

Two year shelf life when stored at 75°F. (24°C.) and 50% relative humidity or less. It is recommended that the product be stored in its original package until ready to use.

CALL **1-800-328-2619** for additional product information

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